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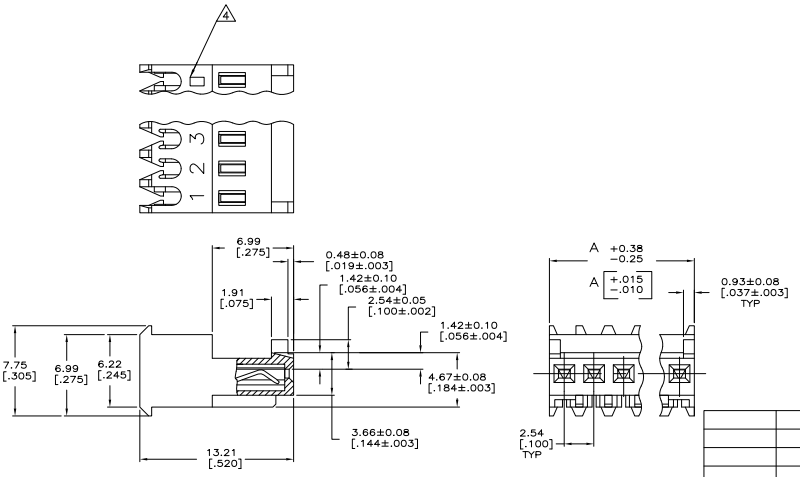
UOC	DIST
CM	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	J2	REVISED PER ECO-11-005027	12MAR11	RK	HMR



MATERIAL: CONNECTOR–NYLON UL94V–0 (RED).
CONTACTS–0.30 [.012] THICK COPPER ALLOY
(0.00076 [.000030] GOLD)

1 MATERIAL: CONNECTOR – NYLON UL94V–2 (BLACK).
CONTACTS – 0.30[.012] THICK COPPER ALLOY
.000076[.000030] GOLD IN CONTACT AREA WITH
BRIGHT TIN–LEAD SLOT AREA FOR 644702–2 THRU 1–644702–6
OR MATTE WHISKER MITIGATED TIN FOR 3–644702–2 THRU
4–644702–6 OVER NICKEL UNDERPLATE.

2. CONTACTS ACCEPT 22 AWG WIRE WITH 1.52 [.060] MAX INSULATION DIAMETER.

3. CONTACTS MUST ACCEPT 0.64±0.03 [.025±.001] SQUARE POST AND REMAIN LOCKED IN POSITION.

4 IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY NOT APPEAR ON ALL ASSEMBLIES.

5. DIMENSIONS IN BRACKETS ARE IN INCHES.

6. HOUSING FEATURES ARE: FEED THRU WITH LOCKING RAMP AND POLARIZING TAB.

7 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

	FINISH	DIM A	NO.OF POSN	ASSEMBLY	FINISH	DIM A	NO.OF POSN	ASSEMBLY
7 SUPERSEDED	TIN	40.64 [1.600]	16	4–644702–6	TIN–LEAD	40.64 [1.600]	16	~~1–644702–6~~
	TIN	38.10 [1.500]	15	4–644702–5	TIN–LEAD	38.10 [1.500]	15	~~1–644702–5~~
	TIN	35.56 [1.400]	14	4–644702–4	TIN–LEAD	35.56 [1.400]	14	~~1–644702–4~~
	TIN	33.02 [1.300]	13	4–644702–3	TIN–LEAD	33.02 [1.300]	13	~~1–644702–3~~
	TIN	30.48 [1.200]	12	4–644702–2	TIN–LEAD	30.48 [1.200]	12	1–644702–2
1 SUPERSEDED	TIN	27.94 [1.100]	11	4–644702–1	TIN–LEAD	27.94 [1.100]	11	~~1–644702–1~~
	TIN	25.40 [1.000]	10	4–644702–0	TIN–LEAD	25.40 [1.000]	10	1–644702–0
	TIN	22.86 [.900]	9	3–644702–9	TIN–LEAD	22.86 [.900]	9	644702–9
	TIN	20.32 [.800]	8	3–644702–8	TIN–LEAD	20.32 [.800]	8	644702–8
	TIN	17.78 [.700]	7	3–644702–7	TIN–LEAD	17.78 [.700]	7	644702–7
7 SUPERSEDED	TIN	15.24 [.600]	6	3–644702–6	TIN–LEAD	15.24 [.600]	6	~~644702–6~~
	TIN	12.70 [.500]	5	3–644702–5	TIN–LEAD	12.70 [.500]	5	~~644702–5~~
	TIN	10.16 [.400]	4	3–644702–4	TIN–LEAD	10.16 [.400]	4	~~644702–4~~
	TIN	7.62 [.300]	3	3–644702–3	TIN–LEAD	7.62 [.300]	3	~~644702–3~~
	TIN	5.08 [.200]	2	3–644702–2	TIN–LEAD	5.08 [.200]	2	644702–2

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCE UNLESS OTHERWISE SPECIFIED: 0 PLC ±; 1 PLC ±; 2 PLC ±; 3 PLC ± 0.13 [.005]; 4 PLC ±; ANGLES ±

MATERIAL 1 FINISH 1

DRN S. HOOVER 29-DEC-2004
CHK D. BOSSI 29-DEC-2004
APVD D. BOSSI 29-DEC-2004

PRODUCT SPEC 108–1050
APPLICATION SPEC 114–1019
WEIGHT

TE Connectivity

NAME MTA .100 CONNECTOR ASSEMBLY, 22 AWG, STANDARD

SIZE A1 CAGE CODE 00779 DRAWING NO C–644702 RESTRICTED TO

CUSTOMER DRAWING SCALE 6:1 SHEET 1 OF 1 REV J2

4MOS (3/11)

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